



City of Falls Church

Water Source Overview

The major water source is purchased water.

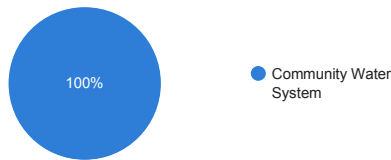
***Table 1:** Reported (2010) and projected (2040) water use by system type for Falls Church in MGD

Type	Reported Use 2010 MGD	Projected Use 2040 MGD
Community Water System	17.538	21.023

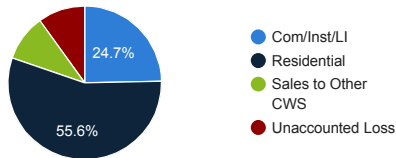
Water Use by System Type

There are no reported users of private groundwater wells for residential water supply. All tables and graphs represent reported water use including Sales to other localities, if applicable.

***Figure 1:** Percentage of reported water use by system type in 2010 (No use data shown on graph if less than .01 MGD: Refer to Table 1)



***Figure 2:** Disaggregated water use percentages for Community Water Systems in 2010 (No graph shown if no disaggregated use data reported)



***Table 2:** Reported (2010) and projected (2040) groundwater and surface water use for Falls Church in MGD

Reported 2010 Groundwater Use (MGD)	Reported 2010 Surface Water Use (MGD)	Projected 2040 Groundwater Use (MGD)	Projected 2040 Surface Water Use (MGD)
0.00	17.54	0.00	21.02

***Figure 3:** Falls Church highlighted in the Commonwealth of Virginia



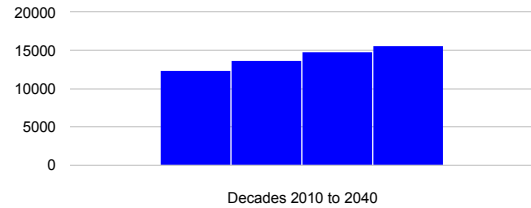
Projected Water Demand

Population and demand are projected to increase through the planning period. Existing water sources are estimated to meet projected demands.

***Table 3:** Falls Church population projections by decade from 2010 to 2040 (data gathered from VEC projections - 05/20/13)

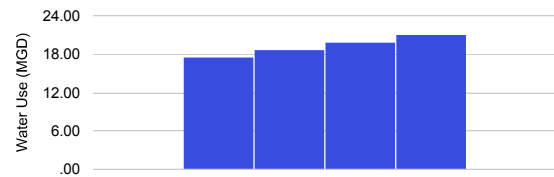
2010	2020	2030	2040	% Change (2010-2040)
12,332	13,673	14,738	15,632	25.0%

***Figure 4:** Falls Church population projections by decade for 2010, 2020, 2030 & 2040



***Table 4 & Figure 5:** Falls Church water demand trends by decade for 2010, 2020, 2030 & 2040 in MGD

Reported Use 2010 MGD	Projected Use 2020 MGD	Projected Use 2030 MGD	Projected Use 2040 MGD	Percent Change (2010-2040)
17.54	18.70	19.86	21.02	19.9%



Drought Management Practices

The City will follow the declarations of the Metropolitan Washington Water Supply and Drought Awareness Response Plan. Drought enforcement is addressed through an ordinance adopted by the City. (Northern Virginia Regional WSP)